

Claims

1. Method for measuring radio-interference levels within a given frequency range, wherein the
5 frequency range is adjusted in a pre-measurement; wherein a measuring level of the signal to be measured is detected at each measuring frequency and compared with a limit value; wherein the level measured at the respective measuring frequency is
10 marked as the radio-interference level, if the limit value is exceeded by the measuring level; and wherein each marked radio-interference level is measured more accurately with regard to its respective runtime performance in a post-
15 measurement,
characterised in that
the mid-frequency of the measuring-frequency range of the post-measurement, which is repeated cyclically in alternation with the pre-measurement,
20 is tracked, for each marked radio-interference level, to the mean frequency of the changing radio-interference level just determined in the preceding pre-measurement.
- 25 2. Method for measuring radio-interference levels according to claim 1,
characterised in that
the measuring level of each radio-interference level, which varies relative to the preceding pre-
30 measurement with regard to its frequency and/or its measuring level, is determined in each pre-measurement, which is repeated cyclically in alternation with the post-measurement.

3. Method for measuring radio-interference levels according to claim 1 or 2,

characterised in that

5 the frequency range in the pre-measurement is adjusted within a given frequency grid.

4. Method for measuring radio-interference levels according to any one of claims 1 to 3,

characterised in that

10 the measuring level of the respective radio-interference level is measured in a second measuring runtime of the post-measurement several times repeatedly by comparison with a first measuring runtime of the pre-measurement.

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5. Method for measuring radio-interference levels according to claim 4,

characterised in that

20 a level evaluated according to one of several variable evaluation methods is determined from the measuring levels for each marked radio-interference level sampled repeatedly in the post-measurement.

6. Device for measuring radio-interference levels according to any one of claims 1 to 4,

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wherein the device comprises a functional spectrum-analyser unit (15) for identifying radio-interference levels and determining the mean frequency of the identified radio-interference levels within the context of a pre-measurement and a functional measurement-receiver unit (16) for the multiple sampling of the measuring level of the radio-interference level identified by the functional spectrum-analyser unit (15) and for

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statistical evaluation of the sampled measuring levels within the context of a post-measurement.